NATIONAL INSTITUTES OF HEALTH

CUMULATED INDEX MEDICUS

2000

VOLUME 41 BOOK 4

SUBJECT INDEX
Ch–Do

U.S. DEPARTMENT OF HEALTH
AND HUMAN SERVICES
Public Health Service
National Institutes of Health

NATIONAL LIBRARY OF MEDICINE
8600 Rockville Pike
Bethesda, MD 20894
NIH Publication Number: 01-259

ISSN: 0090-1423

Cumulated Index Medicus

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National Library of Medicine Cataloging in Publication

Cumulated index medicus.
Vol. 1 (Jan.-Dec. 1960)-
-- Chicago : American Medical Association ; Washington, D.C. : Supt. of Docs., U.S. G.P.O. [distributor], 1960-
v. -- (1971-1979: DHEW publication ; no. (NIH) 72-259, etc.)

Annual.
As of Feb. 1998, citations published 1964-1965 also available online as: OLDMEDLINE, accessible through Internet Grateful Med.
Cumulation of the monthly publication: Index medicus.
Issues for 1967- include Bibliography of medical reviews.
HTTP- Citations published 1964-1965 also available online: http://igm.nlm.nih.gov/.
Continues: Quarterly cumulative index medicus.
Vols. for 1965- issued by the National Library of Medicine.

1. Bibliography of Medicine 2. Medicine - indexes I. American Medical Association II. National Library of Medicine (U.S.) III. Index medicus IV. Bibliography of medical reviews V. Title: OLDMEDLINE VI. Series: DHEW publication ; no. (NIH) 72-259, etc VII. Series: NIH publication ; no. 80-259, etc.

ISSN 0090-1423 = Cumulated index medicus.
SUPT. OF DOCS. NO: HE 20.3612/3:

ZW 1 I384

This book is printed on acid-free paper for permanence.

The Secretary of Health and Human Services has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this Department. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through September 30, 2001.

For sale by the Superintendent of Documents, U.S. Government Printing Office
Internet: bookstore.gpo.gov Phone: (202) 512-1800 Fax: (202) 512-2250
Mail: Stop SSOP, Washington, DC 20402-0001

ISBN 0-16-050871-1

CUMULATED INDEX MEDICUS 2000

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CHARCOT-MARIE-TOOTH DISEASE

see related
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CHLORAMPHENICOL O-ACETYLTRANSFERASE

see related
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CHLORIMIPRAMINE see **CLOMIPRAMINE**

CHLORINATED HYDROCARBONS see **HYDROCARBONS, CHLORINATED**

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ADMINISTRATION & DOSAGE

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ANALYSIS

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Influence of chlorocholinechloride-treated wheat on selected in vitro fertility parameters in male mice. Torner H, et al. **Reprod Toxicol** 1999 Sep-Oct;13(5):399-404

CHLORMETHAZANONE see CHLORMEZANONE

CHLORMETHIAZOLE

ADMINISTRATION & DOSAGE

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The metabolism of clomethiazole in gerbils and the neuroprotective and sedative activity of the metabolites. Green AR, et al. **Br J Pharmacol** 2000 Jan;129(1):95-100

PHARMACOLOGY

Effect of starvation and chlormethiazole on cytochrome P450s of rat nasal mucosa. Longo V, et al. **Biochem Pharmacol** 2000 Jun 1;59(11):1425-32

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CHLORMETHINE see MECHLORETHAMINE

CHLORMEZANONE

CHEMISTRY

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[Important pharmaceutical-chemical characteristics of the central muscle relaxant chlormezanone] Seeling A, et al. **Pharmazie** 2000 Apr;55(4):293-6 (Eng. Abstr.) **(Ger)**

2-CHLOROACETOPHENONE see OMEGA-CHLOROACETOPHENONE

2-CHLOROADENOSINE

PHARMACOLOGY

Adenosine- and 2-chloro-adenosine-induced cytopathic effects on myoblastic cells and myotubes: involvement of different intracellular mechanisms. Ceruti S, et al. **Neuromuscul Disord** 2000 Aug;10(6):436-46

2-CHLOROADENOSINE

ANALOGS & DERIVATIVES

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Anticonvulsant action of 2-chloroadenosine injected focally into the perirhinal cortex in amygdaloid kindled rats. Mirnajafi-Zadeh J, et al. **Epilepsy Res** 1999 Oct;37(1):37-43

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P-CHLOROAMPHETAMINE

PHARMACOLOGY

Serotonin depletion and barrel cortex development: impact of growth impairment vs. serotonin effects on thalamocortical endings. Persico AM, et al. **Cereb Cortex** 2000 Feb;10(2):181-91

p-Chloroamphetamine (PCA) suppresses ingestive behavior

P-CHLOROAMPHETAMINE

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BDNF promotes the regenerative sprouting, but not survival, of injured serotonergic axons in the adult rat brain. Mamounas LA, et al. **J Neurosci** 2000 Jan 15;20(2):771-82

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[Interventional treatment of coronary heart diseases. Feasibility of percutaneous catheterization techniques] Köster R, et al. **Med Monatsschr Pharm** 2000 May; 23(5):149-56 (56 ref.) **(Ger)**

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Trace analysis of ten chlorinated benzenes in water by headspace solid-phase microextraction. He Y, et al.
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Gas chromatographic-mass spectrometric analysis of dichlorobenzene isomers in human blood with headspace solid-phase microextraction. Liu J, et al.
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Microbial dynamics in a continuous stirred tank bioreactor exposed to an alternating sequence of organic compounds. Ferreira Jorge RM, et al. **Biotechnol Bioeng** 2000 Aug 20; 69(4):409-17
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PHARMACOLOGY

Inhibition of NFkappaB-mediated pro-inflammatory gene expression in rat mesangial cells by the enolized 1,3-dioxane-4, 6-dione-5-carboxamide, CGP-43182.
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Medical complications due to mothball abuse. Weintraub E, et al. **South Med J** 2000 Apr;93(4):427-9

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Comparative hepatocarcinogenicity of hexachlorobenzene, pentachlorobenzene, 1,2,4,5-tetrachlorobenzene, and 1,4-dichlorobenzene: application of a medium-term liver focus bioassay and molecular and cellular indices. Gustafson DL, et al. **Toxicol Sci** 2000 Feb;53(2):245-52
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CHLOROBENZOATES

ANALYSIS

Specific detection of p-chlorobenzoic acid by Escherichia coli bearing a plasmid-borne fcbA::lux fusion. Rozen Y, et al. **Chemosphere** 1999 Feb;38(3):633-41

CHEMISTRY

A new assay for lipiodol in a tumor using a combination of m-chloroperbenzoic acid-mediated oxidation and the iodo-starch reaction. Kozutsumi D, et al. **Cancer Lett** 2000 Sep 29;158(1):93-8

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Role of tfdC(I)D(I)E(I)F(I) and tfdD(II)C(II)E(II)F(II) gene modules in catabolism of 3-chlorobenzoate by Ralstonia eutropha JMP134(pJP4). Pérez-Pantoja D, et al.
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The metabolism and excretion of [14c] 2- and 4-chlorobenzoic acids in the rat. Blackledge CA, et al.
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O-CHLOROBENZYLIDENE MALONITRILE see **O-CHLOROBENZYLIDENEMALONITRILE**

O-CHLOROBENZYLIDENEMALONITRILE

ADVERSE EFFECTS

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CHLOROETHANE see **ETHYL CHLORIDE**

2-CHLOROETHYL ALCOHOL see **ETHYLENE CHLOROHYDRIN**

CHLOROETHYLENE see **VINYL CHLORIDE**

CHLOROETHYLENE POLYMER see **POLYVINYL CHLORIDE**

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CHLORPHENIRAMINE

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CHOLERAGENOID see **CHOLERA TOXIN**

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CHOLESTEROL ESTERS

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CHOLESTEROL HDL see **LIPOPROTEINS, HDL CHOLESTEROL**

CHOLESTEROL-7-HYDROXYLASE see **CHOLESTEROL 7 ALPHA-MONOOXYGENASE**

CHOLESTEROL INHIBITORS see **ANTICHOLESTEREMIC AGENTS**

CHOLESTEROL LDL see **LIPOPROTEINS, LDL CHOLESTEROL**

CHOLESTEROL MONOOXYGENASE (SIDE-CHAIN-CLEAVING)

ANTAGONISTS & INHIBITORS

The use of the substrate-heme complex approach in the design, synthesis, biochemical evaluation, and rationalization of the inhibitory activity of a range of azole compounds against cholesterol side chain cleavage enzyme. Ahmed S. **Biochem Biophys Res Commun** 2000 Aug 18; 275(1):75–6

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IMMUNOLOGY

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CHOLESTEROL 7 ALPHA-MONOOXYGENASE

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CHOLESTEROL MONOOXYGENASE (SIDE-CHAIN-CLEAVING)

GENETICS

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CHOLESTEROL OXIDASE

CHEMISTRY

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Cholesterol oxidase: sources, physical properties and analytical applications. MacLachlan J, et al.
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CHOLESTEROL SIDE-CHAIN CLEAVAGE ENZYME see **CHOLESTEROL MONOOXYGENASE (SIDE-CHAIN-CLEAVING)**

CHOLESTEROL VLDL see **LIPOPROTEINS, VLDL CHOLESTEROL**

CHOLESTEROL 7 ALPHA-MONOOXYGENASE

GENETICS

In nonhepatic cells, cholesterol 7alpha-hydroxylase induces the expression of genes regulating cholesterol biosynthesis, efflux, and homeostasis. Spitsen GM, et al. **J Lipid Res** 2000 Aug;41(8):1347-55

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CHOLESTYRAMINE

Tauroursodeoxycholate and cholestyramine enhance biliary carcinogenesis in hamsters. Ikematsu Y, et al.
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ADMINISTRATION & DOSAGE

Achievement of target plasma cholesterol levels in hypercholesterolaemic patients being treated in general practice. Barter PJ, et al. **Atherosclerosis** 2000 Mar; 149(1):199-205

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PHARMACOLOGY

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Comparative effects of simvastatin and cholestyramine on plasma lipoproteins and CETP in humans. McPherson R. **Can J Clin Pharmacol** 1999 Summer;6(2):85-90

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Congestive heart failure and toxic digoxin levels: role of cholestyramine. Roberge RJ, et al. **Vet Hum Toxicol** 2000 Jun;42(3):172-3

CHOLESTYRAMINE RESIN see **CHOLESTYRAMINE**

CHOLIC ACID

ADMINISTRATION & DOSAGE

Thermo-sensitive self-assembled micelles prepared by cholic acid and poly(N-isopropylacrylamide). **Arch Pharm Res** 2000 Feb;23(1):87-9

ANALOGS & DERIVATIVES see CHOLIC ACIDS

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Regulation of sterol 12alpha-hydroxylase and cholic acid biosynthesis in the rat [published erratum appears in Gastroenterology 2000 Jul;119(1):280] Vlahcevic ZR, et al. **Gastroenterology** 2000 Mar;118(3):599-607

Bile acid synthesis in cultured human hepatocytes: support for an alternative biosynthetic pathway to cholic acid. Axelson M, et al. **Hepatology** 2000 Jun;31(6):1305-12

Regulation of 25- and 27-hydroxylation side chain cleavage pathways for cholic acid biosynthesis in humans, rabbits, and mice. Assay of enzyme activities by high-resolution gas chromatography;-mass spectrometry. Honda A, et al. **J Lipid Res** 2000 Mar;41(3):442-51

METABOLISM

The effect of a combined dietary treatment with cholesterol and cholic acid on the lipid metabolism of geese at low or high choline concentrations. Eder K.
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Dietary cholic acid lowers plasma levels of mouse and human apolipoprotein A-I primarily via a transcriptional mechanism. Srivastava RA, et al. **Eur J Biochem** 2000 Jul; 267(13):4272-80

CHOLIC ACIDS

ANALYSIS

Quantitative determination of zwitterionic detergents using salt-induced phase separation of Triton X-100. Fricke B. **Anal Biochem** 2000 Jun 1;281(2):144-50

BLOOD

[Application of serum bile acid chromatography to the diagnoses of liver diseases] Dong Y, et al.
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Enhancing the "stickiness" of bile acids to cross-linked polymers: a bioconjugate approach to the design of bile acid sequestrants. Zhang Lh, et al. **Bioconjug Chem** 2000 May-Jun;11(3):397-400

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METABOLISM

Methylprednisolone administration in primary biliary cirrhosis increases cholic acid turnover, synthesis, and deoxycholate concentration in bile. Mazzella G, et al.
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Isolation and characterization of cholic acid 7alpha-dehydroxylating fecal bacteria from cholesterol gallstone patients. Wells JE, et al. **J Hepatol** 2000 Jan; 32(1):4-10

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Improvement of intestinal peptide absorption by a synthetic bile acid derivative, cholylsarcosine. Michael S, et al.
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In vitro anti-HIV-1 virucidal activity of tyrosine-conjugated tri- and dihydroxy bile salt derivatives. Al-Jabri AA, et al. **J Antimicrob Chemother** 2000 May;45(5):617-21

SECRETION

Bile acid secretion during rat liver carcinogenesis. Monte MJ, et al. **Life Sci** 2000 Feb 11;66(12):1085-95

THERAPEUTIC USE

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URINE

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Signal modulation in (1)H magnetic resonance spectroscopy using contrast agents: proton relaxivities of choline, creatine, and N-acetylaspartate. Murphy PS, et al.
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Dietary choline restriction causes complex I dysfunction and increased H(2)O(2) generation in liver mitochondria. Hensley K, et al. **Carcinogenesis** 2000 May;21(5):983-9

The influences of sex, rearing environment, and neonatal choline dietary supplementation on spatial and nonspatial learning and memory in adult rats. Tees RC.
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J Biochem Biophys Methods 2000 Jul 5;43(1-3):157-74

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Supersensitivity by AF64A, a novel inhibitor of neuronal choline-uptake, of the rat iris sphincter smooth muscle. Tanaka M, et al. **J Smooth Muscle Res** 1999 Oct-Dec; 35(5-6):157-69

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CHOLINE ACETYLASE see **CHOLINE O-ACETYLTRANSFERASE**

CHOLINE ACETYLTRANSFERASE see **CHOLINE O-ACETYLTRANSFERASE**

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CHOLINE CHLORIDE DIHYDROGEN PHOSPHATE see **PHOSPHORYLCHOLINE**

CHOLINE DEFICIENCY

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CHOLINE KINASE

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CHOLINOMIMETICS see **CHOLINERGIC AGENTS**

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CHONDROITIN LYASES

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CHONDROITIN SULFATE C see CHONDROITIN SULFATES

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CHROMOSOME 4 see **CHROMOSOMES, HUMAN, PAIR 4**

CHROMOSOME 5 see **CHROMOSOMES, HUMAN, PAIR 5**

CHROMOSOME 5P- SYNDROME see **CRI-DU-CHAT SYNDROME**

CHROMOSOME 6 see **CHROMOSOMES, HUMAN, PAIR 6**

CHROMOSOME 7 see **CHROMOSOMES, HUMAN, PAIR 7**

CHROMOSOME 8 see **CHROMOSOMES, HUMAN, PAIR 8**

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C.I. SOLVENT YELLOW 3 see **O-AMINOAZOTOLUENE**

CICADAS see **HEMIPTERA**

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see related
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CILIARY NEUROTROPHIC FACTOR RECEPTOR ALPHA SUBUNIT see **RECEPTOR, CILIARY NEUROTROPHIC FACTOR**

CILIATA see **CILIOPHORA**

CILIATINE see **AMINOETHYLPHOSPHONIC ACID**

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CITRATE see **CITRIC ACID**

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CITRATE (SI)-SYNTHASE

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CITROVORUM FACTOR see LEUCOVORIN

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CLASS II ANTIGENS see **HISTOCOMPATIBILITY ANTIGENS CLASS II**

CLASS II GENES see **GENES, MHC CLASS II**

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see related
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CO-DEPENDENCY (PSYCHOLOGY) see **CODEPENDENCY (PSYCHOLOGY)**

CO-DERGOCRINE see **DIHYDROERGOTOXINE**

CO-DERGOCRINE MESYLATE see **ERGOLOID**

MESYLATES

COA see COENZYME A

COA-TRANSFERASES see COENZYME A-TRANSFERASES

COAD see LUNG DISEASES, OBSTRUCTIVE

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COAGULATION FACTOR I see FIBRINOGEN

COAGULATION FACTOR II see PROTHROMBIN

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COAGULATION FACTOR IV see CALCIUM

COAGULATION FACTOR V see FACTOR V

COAGULATION FACTOR VA see FACTOR VA

COAGULATION FACTOR VII see FACTOR VII

COAGULATION FACTOR VIIA see FACTOR VIIA

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COAGULATION FACTOR XIII see FACTOR XIII

COAGULATION FACTORS see BLOOD COAGULATION FACTORS

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COELIAC PLEXUS see **CELIAC PLEXUS**

COENDOU see **RODENTIA**

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COENZYME I see **NAD**

COENZYME II see **NADP**

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COLIPHAGE MS2 see **LEVIVIRUS**

COLIPHAGE MU see **BACTERIOPHAGE MU**

COLIPHAGE N4 see **PODOVIRIDAE**

COLIPHAGE P1 see **BACTERIOPHAGE P1**

COLIPHAGE P2 see **BACTERIOPHAGE P2**

COLIPHAGE PHI X 174 see **BACTERIOPHAGE PHI X 174**

COLIPHAGE Q BETA see **ALLOLEVIVIRUS**

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COLONY-FORMING UNITS see **STEM CELLS**

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COMPLEMENT 2

ANTAGONISTS & INHIBITORS

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COMPLEMENT 3 CONVERTASE

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COMPLEMENT 3 PROACTIVATOR see **COMPLEMENT FACTOR B**

COMPLEMENT 3 RECEPTOR see **MACROPHAGE-1 ANTIGEN**

COMPLEMENT 3A

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COMPLEMENT 3B RECEPTORS see **RECEPTORS, COMPLEMENT 3B**

COMPLEMENT 3C

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Complement haemolytic activity (classical and alternative pathways), C3, C4 and factor B titres in healthy children. Ferriani VP, et al. **Acta Paediatr** 1999 Oct;88(10):1062–6

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COMPLEMENT 3D

see related
RECEPTORS, COMPLEMENT 3D

CHEMISTRY

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COMPLEMENT 3D RECEPTORS see **RECEPTORS, COMPLEMENT 3D**

COMPLEMENT 4

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Cerebrospinal fluid C3 and C4 indexes in immunological disorders of the central nervous system. Jongen PJ, et al. **Acta Neurol Scand** 2000 Feb;101(2):116–21

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COMPLEMENT 4A

ANALYSIS

Plasma C3a and C4a levels in liver transplant recipients: a longitudinal study. Pfeifer PH, et al. **Immunopharmacology** 2000 Feb;46(2):163–74

DEFICIENCY

C4A deficiency due to a 2 bp insertion is increased in patients with systemic lupus erythematosus. Sullivan KE, et al. **J Rheumatol** 1999 Oct;26(10):2144–7

GENETICS

Deficiencies of human complement component C4A and C4B and heterozygosity in length variants of RP-C4-CYP21-TNX (RCCX) modules in caucasians. The load of RCCX genetic diversity on major histocompatibility complex-associated disease. Blanchong CA, et al. **J Exp Med** 2000 Jun 19;191(12):2183–96

COMPLEMENT 4B

GENETICS

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METABOLISM

Both G-type domains of protein S are required for the high-affinity interaction with C4b-binding protein. Evenäs P, et al. **Eur J Biochem** 1999 Dec;266(3):935–42

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COMPLEMENT 5

ANALYSIS

[The fifth component of complement, C5] Takemura S. **Nippon Rinsho** 1999 Nov;57 Suppl:68–70 (5 ref.) **(Jpn)**

ANTAGONISTS & INHIBITORS

Pharmacology and biological efficacy of a recombinant, humanized, single-chain antibody C5 complement inhibitor in patients undergoing coronary artery bypass graft surgery with cardiopulmonary bypass. Fitch JC, et al. **Circulation** 1999 Dec 21–28;100(25):2499–506

DEFICIENCY

A role for complement in antibody-mediated inflammation: C5-deficient DBA/1 mice are resistant to collagen-induced arthritis. Wang Y, et al. **J Immunol** 2000 Apr 15; 164(8):4340–7

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COMPLEMENT 5

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IMMUNOLOGY

Selection of phage-displayed anti-guinea pig C5 or C5a antibodies and their application in xenotransplantation. Link C, et al. **Mol Immunol** 1999 Dec;36(18):1235–47

Complement inhibition with an anti-C5 monoclonal antibody prevents hyperacute rejection in a xenograft heart transplantation model. Wang H, et al. **Transplantation** 1999 Dec 15;68(11):1643–51

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Elucidation of the early events contributing to zymosan-induced multiple organ dysfunction syndrome using MIP-1alpha, C3 knockout, and C5-deficient mice. Mahesh J, et al. **Shock** 1999 Nov;12(5):340–9

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COMPLEMENT 5 CONVERTASE see **COMPLEMENT 3 CONVERTASE**

COMPLEMENT 5A

Differential expression of the C5a receptor on the main cell types of rat liver as demonstrated with a novel monoclonal antibody and by C5a anaphylatoxin-induced Ca2+ release. Schlaf G, et al. **Lab Invest** 1999 Oct;79(10):1287–97

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Response-selective C5a agonists: differential effects on neutropenia and hypotension in the rat. Short AJ, et al. **Br J Pharmacol** 1999 Oct;128(3):511–4

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ANALYSIS

Generation of complement fragment C5a in milk is variable among cows. Rainard P, et al. **J Dairy Sci** 2000 May; 83(5):945–51

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COMPLEMENTARY RNA see **RNA, COMPLEMENTARY**

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COMPLEX III see **UBIQUINOL-CYTOCHROME-C REDUCTASE**

COMPLEX PARTIAL EPILEPSY see **EPILEPSY, COMPLEX PARTIAL**

COMPLEX PARTIAL SEIZURE DISORDER see **EPILEPSY, COMPLEX PARTIAL**

COMPLEX PARTIAL STATUS EPILEPTICUS see **STATUS EPILEPTICUS**

COMPLEX REGIONAL PAIN SYNDROME, TYPE I see **REFLEX SYMPATHETIC DYSTROPHY**

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CONNECTIVE TISSUE DISEASE, MIXED see **MIXED CONNECTIVE TISSUE DISEASE**

CONNECTIVE TISSUE DISEASES

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COPD see **LUNG DISEASES, OBSTRUCTIVE**

COPI see **COAT PROTEIN COMPLEX I**

COPI PROTEIN see **COAT PROTEIN COMPLEX I**

COPING BEHAVIOR see **ADAPTATION, PSYCHOLOGICAL**

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CORNEOSCLERAL JUNCTION see **LIMBUS CORNEAE**

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COXA see **HIP**

COXA PLANA see **LEGG–PERTHES DISEASE**

COXARTHROSIS see **OSTEOARTHRITIS, HIP**

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COXSACKIE A VIRUSES see **COXSACKIEVIRUSES A**

COXSACKIE A9 VIRUS see **COXSACKIEVIRUSES A**

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CRANIAL NERVE II see **OPTIC NERVE**

CRANIAL NERVE II DISEASES see **OPTIC NERVE DISEASES**

CRANIAL NERVE III see **OCULOMOTOR NERVE**

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CRANIAL NERVE VI DISEASES see **ABDUCENS NERVE DISEASES**

CRANIAL NERVE VII see **FACIAL NERVE**

CRANIAL NERVE VII DISEASES see **FACIAL NERVE DISEASES**

CRANIAL NERVE VIII see **VESTIBULOCOCHLEAR NERVE**

CRANIAL NERVE VIII DISEASES see **VESTIBULOCOCHLEAR NERVE DISEASES**

CRANIAL NERVE IX see **GLOSSOPHARYNGEAL NERVE**

CRANIAL NERVE IX DISEASES see **GLOSSOPHARYNGEAL NERVE DISEASES**

CRANIAL NERVE X see **VAGUS NERVE**

CRANIAL NERVE X DISEASES see **VAGUS NERVE DISEASES**

CRANIAL NERVE XI see **ACCESSORY NERVE**

CRANIAL NERVE XI DISEASES see **ACCESSORY NERVE DISEASES**

CRANIAL NERVE XII see **HYPOGLOSSAL NERVE**

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CRANIOPHARYNGIOMA, ADAMANTINOUS see **CRANIOPHARYNGIOMA**

CRANIOPHARYNGIOMA, PAPILLARY see **CRANIOPHARYNGIOMA**

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CRYSTAL VIOLET see **GENTIAN VIOLET**

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CSF-M see MACROPHAGE COLONY-STIMULATING FACTOR

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CTG, ANTEPARTUM see CARDIOTOCOGRAPHY

CTP see CYTIDINE TRIPHOSPHATE

CTP PHOSPHOCHOLINE CYTIDYLYLTRANSFERASE see CHOLINE-PHOSPHATE CYTIDYLYLTRANSFERASE

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see related
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CXC CHEMOKINES see **CHEMOKINES, CXC**

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CYCLIC HYDROCARBONS see **HYDROCARBONS, CYCLIC**

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2',3'-CYCLIC-NUCLEOTIDE PHOSPHODIESTERASES

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2',3'-CYCLIC-NUCLEOTIDE PHOSPHODIESTERASES

BIOSYNTHESIS

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CYCLIC S-OXIDES

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CYCLIC SOMATOSTATIN see **SOMATOSTATIN**

CYCLICITY see **PERIODICITY**

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ANALOGS & DERIVATIVES see CYCLINS

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CYCLIN B

ANALOGS & DERIVATIVES see CYCLINS

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CYP1A2 see **CYTOCHROME P-450 CYP1A2**

CYP2B1 see **CYTOCHROME P-450 CYP2B1**

CYP2D6 see **CYTOCHROME P-450 CYP2D6**

CYP2E1 see **CYTOCHROME P-450 CYP2E1**

CYP7 see **CHOLESTEROL 7 ALPHA-MONOOXYGENASE**

CYP7A see **CHOLESTEROL 7 ALPHA-MONOOXYGENASE**

CYP11A1 see **CHOLESTEROL MONOOXYGENASE (SIDE-CHAIN-CLEAVING)**

CYP11B1 see **STEROID 11 BETA-MONOOXYGENASE**

CYP11B2 see **CYTOCHROME P-450 CYP11B2**

CYP17 see **STEROID 17 ALPHA-MONOOXYGENASE**

CYP19 see **AROMATASE**

CYPB GENE PRODUCT see **PEPTIDYLPROLYL ISOMERASE**

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CYTOSINE ARABINOSIDE see **CYTARABINE**

CYTOSINE ARABINOSIDE TRIPHOSPHATE see **ARABINOFURANOSYLCYTOSINE TRIPHOSPHATE**

CYTOSINE POLYNUCLEOTIDES see **POLY C**

CYTOSINE RIBONUCLEOSIDE see **CYTIDINE**

CYTOSKELETAL FILAMENTS see **CYTOSKELETON**

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CYTOSOL AMINOPEPTIDASE see **LEUCYL AMINOPEPTIDASE**

CYTOSOLIC AND NUCLEAR RECEPTORS see **RECEPTORS, CYTOPLASMIC AND NUCLEAR**

CYTOSTATIC AGENTS see **ANTINEOPLASTIC AGENTS**

CYTOSTATIC FACTOR see **PROTO–ONCOGENE PROTEINS C–MOS**

CYTOTACTIN see **TENASCIN**

CYTOTAXINOGENS see **CHEMOTACTIC FACTORS**

CYTOTAXINS see **CHEMOTACTIC FACTORS**

CYTOTOXIC ANTIBIOTICS see **ANTIBIOTICS, ANTINEOPLASTIC**

CYTOTOXIC BRAIN EDEMA see **BRAIN EDEMA**

CYTOTOXIC T–LYMPHOCYTES see **T–LYMPHOCYTES, CYTOTOXIC**

CYTOTOXICITY, ANTIBODY–DEPENDENT CELL see **ANTIBODY–DEPENDENT CELL CYTOTOXICITY**

CYTOTOXICITY, IMMUNOLOGIC

see related
ANTIBODIES, BISPECIFIC
COMPLEMENT MEMBRANE ATTACK COMPLEX
KILLER CELLS, LYMPHOKINE–ACTIVATED
KILLER CELLS, NATURAL
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DACRYOADENITIS see **DACRYOCYSTITIS**

DACRYOCYSTITIS

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DAHL HYPERTENSIVE RATS see **RATS, INBRED DAHL**

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DALL PORPOISES see **PORPOISES**

DALTEPARIN see **TEDELPARIN**

DAMALINIA see **MALLOPHAGA**

DAMGO see **ENKEPHALIN, ALA(2)-MEPHE(4)-GLY(5)-**

DAMME see **FK 33-824**

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DEATH

consider also terms at THANATO–

see related
ATTITUDE TO DEATH
BEREAVEMENT
BRAIN DEATH
CAUSE OF DEATH
HOMICIDE
INFANTICIDE
MORTUARY PRACTICE
SUICIDE
TERMINAL CARE
THANATOLOGY

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see related
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DEHYDROBENZPERIDOL see **DROPERIDOL**

DEHYDROBILIRUBIN see **BILIVERDINE**

24–DEHYDROCHOLESTEROL see **DESMOSTEROL**

DEHYDROCHOLESTEROLS

ANTAGONISTS & INHIBITORS

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DEOXYCHOLATE see **DEOXYCHOLIC ACID**

DEOXYCHOLIC ACID

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2'-DEOXYCOFORMYCIN see PENTOSTATIN

DEOXYCORTICOSTERONE see DESOXYCORTICOSTERONE

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1-DEOXYMANNOJIRIMYCIN see **1-DEOXYNOJIRIMYCIN**

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DEPENDENT PERSONALITY DISORDER

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DEPERSONALIZATION DISORDER see **DEPERSONALIZATION**

DEPILATION see **HAIR REMOVAL**

DEPO-MEDROXYPROGESTERONE ACETATE see **MEDROXYPROGESTERONE 17-ACETATE**

DEPOLARIZING MUSCLE RELAXANTS see **NEUROMUSCULAR DEPOLARIZING AGENTS**

DEPOT PREPARATIONS see **DELAYED-ACTION PREPARATIONS**

DEPRENALIN see **SELEGILINE**

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DESOXYPHENOBARBITAL see **PRIMIDONE**

DESOXYRIBONUCLEASES see **DEOXYRIBONUCLEASES**

DESQUAMATING AGENTS see **KERATOLYTIC AGENTS**

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DIABETES, PHOSPHATE see **HYPOPHOSPHATEMIA, FAMILIAL**

DIABETES, PREGNANCY-INDUCED see **DIABETES, GESTATIONAL**

DIABETES, RENAL see **GLYCOSURIA, RENAL**

DIABETIC ACIDOSIS see **DIABETIC KETOACIDOSIS**

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DIAZOXIDE

ANALOGS & DERIVATIVES

K(ATP) channel openers protect rat islets against the toxic effect of streptozotocin. Kullin M, et al. **Diabetes** 2000 Jul; 49(7):1131–6

CHEMISTRY

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ADMINISTRATION & DOSAGE

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PHARMACOKINETICS

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DIBENZOTHIEPINS

PHARMACOLOGY

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ADMINISTRATION & DOSAGE

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PHARMACOLOGY

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1,2-DIBROMOETHANE see **ETHYLENE DIBROMIDE**

DIBROMOMANNITOL see **MITOBRONITOL**

DIBUCAINE

ADMINISTRATION & DOSAGE

Pain relief of oral ulcer by dibucaine-film. Yamamura K, et al. **Pain** 1999 Dec;83(3):625–6

ADVERSE EFFECTS

Allergic contact dermatitis from dibucaine hydrochloride. Nakada T, et al. **Contact Dermatitis** 2000 May;42(5):283

PHARMACOLOGY

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THERAPEUTIC USE

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DIBUTYL PHTHALATE

ADVERSE EFFECTS

Anaphylactic shock reaction to dibutyl-phthalate-containing capsules. Gall H, et al. **Dermatology** 1999;199(2):169–70

ANALOGS & DERIVATIVES

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PHARMACOKINETICS

Quantitative evaluation of alternative mechanisms of blood disposition of di(n-butyl) phthalate and mono(n-butyl) phthalate in rats. Keys DA, et al. **Toxicol Sci** 2000 Feb; 53(2):173–84

PHARMACOLOGY

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TOXICITY

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DIBUTYRYL ADENOSINE-3',5'-MONOPHOSPHATE see **BUCLADESINE**

DIBUTYRYL CYCLIC AMP see **BUCLADESINE**

DIBUTYRYL CYCLIC GMP

PHARMACOLOGY

Mechanisms of cGMP-dependent mesangial-cell relaxation: a role for myosin light-chain phosphatase activation. Torrecillas G, et al. **Biochem J** 2000 Feb 15;346 Pt 1:217–22
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DIBUTYRYL GUANOSINE-3',5'-MONOPHOSPHATE see **DIBUTYRYL CYCLIC GMP**

DICARBOXYLIC ACIDS

Carboxylic and dicarboxylic acids extracted from crushed magnesium oxide single crystals. Freund F, et al. **Orig Life Evol Biosph** 1999 Oct;29(5):489–509

ADMINISTRATION & DOSAGE

Double-blind comparison of azelaic acid 20% cream and its vehicle in treatment of papulo-pustular rosacea. Bjerke R, et al. **Acta Derm Venereol** 1999 Nov;79(6):456–9
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Quinoline-2,4-dicarboxylic acids: synthesis and evaluation as inhibitors of the glutamate vesicular transport system. Carrigan CN, et al. **Bioorg Med Chem Lett** 1999 Sep 6; 9(17):2607–12
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CHEMISTRY

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METABOLISM

Structure, function, and genomic organization of human Na(+)-dependent high-affinity dicarboxylate transporter. Wang H, et al. **Am J Physiol Cell Physiol** 2000 May; 278(5):C1019–30
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Disposition of dodecanedioic acid in humans. Bertuzzi A, et al. **J Pharmacol Exp Ther** 2000 Mar;292(3):846–52

PHARMACOLOGY

Quinoline-2,4-dicarboxylic acids: synthesis and evaluation as inhibitors of the glutamate vesicular transport system. Carrigan CN, et al. **Bioorg Med Chem Lett** 1999 Sep 6; 9(17):2607–12
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Administration of the glutamate uptake inhibitor L-trans-PDC in the globus pallidus and the substantia nigra, but not in the striatum, attenuates the psychostimulant effect of high helium pressure on locomotor activity in the rat. Abraini JH, et al.

DICARBOXYLIC ACIDS

Neurosci Res 1999 Dec 30;35(4):273–9
On the cardiac contractile, electrophysiological and biochemical effects of endothall, a protein phosphatase inhibitor. Boknik P, et al. **Pharmacology** 2000 Jul; 61(1):43–50
A chloroplastic RNA polymerase resistant to tagetitoxin is involved in replication of avocado sunblotch viroid. Navarro JA, et al. **Virology** 2000 Mar 1;268(1):218–25

URINE

Dicarboxylic acids as markers of fatty acid peroxidation in diabetes. Inouye M, et al. **Atherosclerosis** 2000 Jan; 148(1):197–202
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DICARBOXYLIC AMINO ACIDS see **AMINO ACIDS, DICARBOXYLIC**

DICENTRARCHUS see **BASS**

DICHELOBACTER NODOSUS

see related
FOOT ROT

CLASSIFICATION

Occurrence of different strains of Dichelobacter nodosus in new clinical lesions in sheep exposed to footrot associated with multi-strain infections. Jelinek PD, et al. **Aust Vet J** 2000 Apr;78(4):273–6

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The site-specific integration of genetic elements may modulate thermostable protease production, a virulence factor in Dichelobacter nodosus, the causative agent of ovine footrot. Whittle G, et al. **Microbiology** 1999 Oct;145 (Pt 10):2845–55
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IMMUNOLOGY

Genetic characterisation of protective vaccine responses in sheep using multi-valent Dichelobacter nodosus vaccines. Raadsma HW, et al. **Vet Immunol Immunopathol** 1999 Dec 15;72(1–2):219–29 (45 ref.)

ISOLATION & PURIFICATION

Extensive diversity in New Zealand Dichelobacter nodosus strains from infected sheep and goats. Zhou H, et al. **Vet Microbiol** 2000 Jan;71(1–2):113–23

PATHOGENICITY

The site-specific integration of genetic elements may modulate thermostable protease production, a virulence factor in Dichelobacter nodosus, the causative agent of ovine footrot. Whittle G, et al. **Microbiology** 1999 Oct;145 (Pt 10):2845–55

DICHLOROACETATE

The effect of dichloroacetate and alanine on the metabolic recovery of perfused mouse liver after cold ischemia. Patry J, et al. **NMR Biomed** 1999 Oct;12(6):387–94

ADMINISTRATION & DOSAGE

Effect of pre-treatment with dichloroacetic or trichloroacetic acid in drinking water on the pharmacokinetics of a subsequent challenge dose in B6C3F1 mice.
Gonzalez-Leon A, et al. **Chem Biol Interact** 1999 Dec 15; 123(3):239–53
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ADVERSE EFFECTS

Mode of action of liver tumor induction by trichloroethylene and its metabolites, trichloroacetate and dichloroacetate. Bull RJ. **Environ Health Perspect** 2000 May;108 Suppl 2:241–59 (160 ref.)

METABOLISM

Trapping and identification of the dichloroacetate radical from the reductive dehalogenation of trichloroacetate by mouse and rat liver microsomes. Merdink JL, et al. **Free Radic Biol Med** 2000 Jul 15;29(2):125–30

PHARMACOKINETICS

Pharmacokinetics and pharmacodynamics of dichloroacetate in patients with cirrhosis. Shangraw RE, et al. **Clin Pharmacol Ther** 1999 Oct;66(4):380–90

PHARMACOLOGY

Substrate-dependent proton load and recovery of stunned hearts during pyruvate dehydrogenase stimulation. Griffin JL, et al. **Am J Physiol Heart Circ Physiol** 2000 Jul; 279(1):H361–7
Inactivation of glutathione transferase zeta by dichloroacetic acid and other fluorine-lacking alpha-haloalkanoic acids. Anderson WB, et al. **Chem Res Toxicol** 1999 Dec; 12(12):1144–9
Polymorphism- and species-dependent inactivation of glutathione transferase zeta by dichloroacetate. Tzeng HF, et al. **Chem Res Toxicol** 2000 Apr;13(4):231–6
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Skeletal muscle metabolism during high-intensity sprint exercise is unaffected by dichloroacetate or acetate infusion. Howlett RA, et al. **J Appl Physiol** 1999 Nov; 87(5):1747–51

TOXICITY

Hepatocarcinogenicity in the male B6C3F1 mouse following a lifetime exposure to dichloroacetic acid in the drinking water: dose-response determination and modes of action. DeAngelo AB, et al. **J Toxicol Environ Health** 1999 Dec 24;58(8):485–507
Behavioral evaluation of the neurotoxicity produced by dichloroacetic acid in rats. Moser VC, et al. **Neurotoxicol Teratol** 1999 Nov-Dec;21(6):719–31
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DIDEOXYCYTIDINE see **ZALCITABINE**

2',3'-DIDEOXYCYTIDINE see **ZALCITABINE**

DIDEOXYINOSINE see **DIDANOSINE**

2',3'-DIDEOXYINOSINE see **DIDANOSINE**

DIDEOXYKANAMYCIN B see **DIBEKACIN**

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DIDS

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DIHYDROBENZOPYRENE DIOLS see **DIHYDROXYDIHYDROBENZOPYRENES**

DIHYDROCHOLESTEROL see **CHOLESTANOL**

DIHYDROCODEINONE see **HYDROCODONE**

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DIHYDROERGOCORNINE MESYLATE see **ERGOLOID MESYLATES**

DIHYDROERGOCRISTINE see **DIHYDROERGOTOXINE**

DIHYDROERGOCRISTINE MESYLATE see **ERGOLOID MESYLATES**

DIHYDROERGOCRYPTINE see **DIHYDROERGOTOXINE**

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DIHYDROFOLATE DEHYDROGENASE see **TETRAHYDROFOLATE DEHYDROGENASE**

DIHYDROFOLATE REDUCTASE see **TETRAHYDROFOLATE DEHYDROGENASE**

DIHYDROHARMINE see **HARMALINE**

DIHYDROHYDROXYCODEINONE see **OXYCODONE**

DIHYDROLIPOAMIDE DEHYDROGENASE see **LIPOAMIDE DEHYDROGENASE**

DIHYDROMORPHINONE see **HYDROMORPHONE**

DIHYDROOLEIC ACIDS see **STEARIC ACIDS**

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DIHYDROOROTASE

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DIHYDROPROGESTERONE

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DIHYDROPTERIDINE REDUCTASE DEFICIENCY DISEASE see **PHENYLKETONURIAS**

DIHYDROPTEROATE PYROPHOSPHORYLASE see **DIHYDROPTEROATE SYNTHASE**

DIHYDROPTEROATE SYNTHASE

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DIHYDROPTEROATE SYNTHETASE see **DIHYDROPTEROATE SYNTHASE**

DIHYDROPYRIDINE RECEPTORS see **CALCIUM CHANNELS, L-TYPE**

DIHYDROPYRIDINES

ADMINISTRATION & DOSAGE

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PHARMACOKINETICS

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PHARMACOLOGY

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First bioanalytical evaluation of nonpeptidic cage dimeric HIV-1 protease inhibitor N-benzyl 4-aryl-1,4-dihydropyridine H17: biotransformation and toxicity on Hep G2 cells. Hilgeroth A, et al. **Arch Pharm (Weinheim)** 2000 Jan;333(1):32–4

DIHYDROSTREPTOMYCIN see **DIHYDROSTREPTOMYCIN SULFATE**

DIHYDROSTREPTOMYCIN SULFATE

ANALYSIS

Liquid chromatographic analysis of dihydrostreptomycin sulfate. Adams E, et al. **J Pharm Biomed Anal** 1999 Dec; 21(4):715–22

DIHYDROTACHYSTEROL

ADVERSE EFFECTS

Hypercalcemia-induced renal insufficiency during therapy with dihydrotachysterol. Jehle DR, et al. **J Med** 1999; 30(1–2):39–50

DIHYDROTESTOSTERONE see **STANOLONE**

DIHYDROXYACETONE

PHARMACOLOGY

A sunscreen-tanning compromise: 3D visualization of the actions of titanium dioxide particles and dihydroxyacetone on human epiderm. Puccetti G, et al. **Photochem Photobiol** 2000 Apr;71(4):426–30

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The use of dihydroxyacetone for photoprotection in variegate porphyria. Asawanonda P, et al. **Int J Dermatol** 1999 Dec; 38(12):916–8

1,8-DIHYDROXY-9-ANTHRONE see **ANTHRALIN**

M-DIHYDROXYBENZENES see **RESORCINOLS**

O-DIHYDROXYBENZENES see **CATECHOLS**

P-DIHYDROXYBENZENES see **HYDROQUINONES**

DIHYDROXYBUTANES see **BUTYLENE GLYCOLS**

1 ALPHA,25-DIHYDROXYCHOLECALCIFEROL see **CALCITRIOL**

1,25-DIHYDROXYCHOLECALCIFEROL see **CALCITRIOL**

24,25-DIHYDROXYCHOLECALCIFEROL see **24,25-DIHYDROXYVITAMIN D 3**

DIHYDROXYCHOLECALCIFEROLS

ADMINISTRATION & DOSAGE

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ADVERSE EFFECTS

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METABOLISM

Isolation and identification of 1alpha-hydroxy-24-oxovitamin D3 and 1alpha,23-dihydroxy-24-oxovitamin D3: metabolites of 1alpha,24(R)-dihydroxyvitamin D3 produced in rat kidney. Weinstein EA, et al. **Biochem Pharmacol** 1999 Dec 15; 58(12):1965–73

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PHARMACOLOGY

Comparison of the relative effects of 1,24-dihydroxyvitamin D(2) [1, 24-(OH)(2)D(2)], 1,24-dihydroxyvitamin D(3) [1,24-(OH)(2)D(3)], and 1,25-dihydroxyvitamin D(3) [1,25-(OH)(2)D(3)] on selected vitamin D-regulated events in the rat. Horst R, et al. **Biochem Pharmacol** 2000 Sep 1;60(5):701-8

THERAPEUTIC USE

Biological effects of 1alpha-hydroxy- and 1beta-(hydroxymethyl)-vitamin D compounds relevant for potential colorectal cancer therapy. Hofer H, et al. **J Pharmacol Exp Ther** 1999 Nov;291(2):450-5

DIHYDROXYDIHYDROBENZOPYRENES

CHEMISTRY

Structure elucidation of the adducts formed by fjord region Dibenzo[a,l]pyrene-11,12-dihydrodiol 13,14-epoxides with deoxyguanosine. Li KM, et al. **Chem Res Toxicol** 1999 Sep; 12(9):778-88

Structure elucidation of the adducts formed by fjord-region Dibenzo[a,l]pyrene 11,12-dihydrodiol 13,14-epoxides and deoxyadenosine. Li KM, et al. **Chem Res Toxicol** 1999 Sep; 12(9):758-67

METABOLISM

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7,8-DIHYDROXY-9,10-EPOXY-7,8,9,10-TETRAHYDROBENZO(A)PYRENE see **7,8-DIHYDRO-7,8-DIHYDROXYBENZO(A)PYRENE 9,10-OXIDE**

DIHYDROXYETHANES see **ETHYLENE GLYCOLS**

3,4-DIHYDROXYPHENYLACETIC ACID

METABOLISM

Acidic dopamine metabolites are actively extruded from PC12 cells by a novel sulfonylurea-sensitive transporter. Lamensdorf I, et al. **Naunyn Schmiedebergs Arch Pharmacol** 2000 Jun; 361(6):654-64

3,4-DIHYDROXYPHENYLACETIC ACID

ANALOGS & DERIVATIVES

3,4-Dihydroxyphenylacetaldehyde potentiates the toxic effects of metabolic stress in PC12 cells. Lamensdorf I, et al. **Brain Res** 2000 Jun 23;868(2):191-201

Metabolic stress in PC12 cells induces the formation of the endogenous dopaminergic neurotoxin, 3,4-dihydroxyphenylacetaldehyde. Lamensdorf I, et al. **J Neurosci Res** 2000 May 15;60(4):552-8

ANALYSIS

In vivo effects of the putative cognitive enhancer KA-672.HCl in comparison with 8-hydroxy-2-(di-N-propylamino) tetralin and haloperidol on dopamine, 3,4-dihydroxyphenylacetic acid, serotonin and 5-hydroxyindoleacetic acid levels in striatal and cortical brain regions. Teismann P, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 2000 Feb; 24(2):337-48

[3,4-dihydroxyphenylacetic acid (DOPAC)] Shigetomi S. **Nippon Rinsho** 1999 Dec;57 Suppl:230-3 (10 ref.) **(Jpn)**

CEREBROSPINAL FLUID

Changes in monoamine metabolites concentrations in rat cerebrospinal fluid after acute and long-term administration of a selective serotonin reuptake inhibitor, trazodone. Egashira T, et al. **Pharmacol Res** 1999 Dec;40(6):503-8

CHEMISTRY

Formation of a new quinone methide intermediate during the oxidative transformation of 3,4-dihydroxyphenylacetic acids: implication for eumelanin biosynthesis. Sugumaran M, et al. **Arch Biochem Biophys** 1999 Nov 1;371(1):98-106

METABOLISM

Formation of a new quinone methide intermediate during the oxidative transformation of 3,4-dihydroxyphenylacetic acids: implication for eumelanin biosynthesis. Sugumaran M, et al. **Arch Biochem Biophys** 1999 Nov 1;371(1):98-106

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Factors influencing maternal behavior in the hubb/hubb mutant mouse. Alston-Mills B, et al. **Physiol Behav** 1999 Dec 1-15;68(1-2):3-8

DIHYDROXYPHENYLALANINE see **DOPA**

3,4-DIHYDROXYPHENYLSERINE see **DROXIDOPA**

DIHYDROXYPREGNADIENES see **PREGNADIENEDIOLS**

DIHYDROXYPROGESTERONE ACETOPHENIDE see **ALGESTONE ACETOPHENIDE**

5,6-DIHYDROXYTRYPTAMINE

CHEMISTRY

Melanogenesis from 5-hydroxytryptamine, 5,6- and 5,7-dihydroxytryptamines. An in vitro study using MALDI-TOF. Bertazzo A, et al. **Adv Exp Med Biol** 1999; 467:779-87

5,7-DIHYDROXYTRYPTAMINE

CHEMISTRY

Melanogenesis from 5-hydroxytryptamine, 5,6- and 5,7-dihydroxytryptamines. An in vitro study using MALDI-TOF. Bertazzo A, et al. **Adv Exp Med Biol** 1999; 467:779-87

PHARMACOLOGY

When injected into the fimbria-fornix/cingular bundle, not in the raphe, 5,7-dihydroxytryptamine prevents amphetamine-induced hyperlocomotion. Lehmann O, et al. **Behav Brain Res** 2000 Sep;114(1-2):213-7

Of 5,7-dihydroxytryptamine does not alter d-amphetamine self-administration across different schedule and access conditions. Fletcher PJ, et al. **Psychopharmacology (Berl)** 1999 Sep;146(2):185-93

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THERAPEUTIC USE

Reduction in excessive muscle tone by selective depletion of serotonin in intercollicularly decerebrated rats. Sakai M, et al. **Brain Res** 2000 Mar 31;860(1-2):104-11

TOXICITY

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Induction of spontaneous tail-flicks in rats by blockade of transmission at N-methyl-D-aspartate receptors: roles of multiple monoaminergic receptors in relation to the actions of antipsychotic agents. Millan MJ, et al. **J Pharmacol Exp Ther** 2000 Feb;292(2):672-83

DIHYDROXYUNDECYL RESORCYLIC ACID LACTONE see **ZERANOL**

1 ALPHA,25-DIHYDROXYVITAMIN D3 see **CALCITRIOL**

1,25-DIHYDROXYVITAMIN D3 see **CALCITRIOL**

24,25-DIHYDROXYVITAMIN D 3

ANALYSIS

Determination of vitamin D3 metabolites: state-of-the-art and trends. Luque de Castro MD, et al. **J Pharm Biomed Anal** 1999 Jun;20(1-2):1-17 (132 ref.)

DEFICIENCY

Deficient mineralization of intramembranous bone in vitamin D-24-hydroxylase-ablated mice is due to elevated 1,25-dihydroxyvitamin D and not to the absence of 24,25-dihydroxyvitamin D. St-Arnaud R, et al. **Endocrinology** 2000 Jul;141(7):2658-66

METABOLISM

Novel findings about 24,25-dihydroxyvitamin D: an active metabolite? St-Arnaud R. **Curr Opin Nephrol Hypertens** 1999 Jul;8(4):435-41 (30 ref.)

Characterization of new conjugated metabolites in bile of rats administered 24,25-dihydroxyvitamin D(3) and 25-hydroxyvitamin D(3). Higashi T, et al. **Steroids** 2000 May;65(5):281-94

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PHARMACOLOGY

Characterization of prostaglandin E(2) receptors and their role in 24,25-(OH)(2)D(3)-mediated effects on resting zone chondrocytes. Del Toro F Jr, et al. **J Cell Physiol** 2000 Feb;182(2):196-208

24R,25-(OH)(2)D(3) mediates its membrane receptor-dependent effects on protein kinase C and alkaline phosphatase via phospholipase A(2) and cyclooxygenase-1 but not cyclooxygenase-2 in growth plate chondrocytes. Schwartz Z, et al. **J Cell Physiol** 2000 Mar;182(3):390-401

THERAPEUTIC USE

Chemopreventive effect of 24R,25-dihydroxyvitamin D(3) in N, N'-dimethylhydrazine-induced rat colon carcinogenesis. Taniyama T, et al. **Carcinogenesis** 2000 Feb; 21(2):173-8

DIHYDROXYVITAMINS D see **DIHYDROXYCHOLECALCIFEROLS**

DIIODOTHYRONINES

ANALYSIS

Maternal compound W serial measurements for the management of fetal hypothyroidsm. Cortelazzi D, et al. **Eur J Endocrinol** 1999 Dec;141(6):570-8

BLOOD

A T2S cross-reactive material (compound W) in hyperthyroid patients with trophoblastic disease. Rajatanavin R, et al. **Thyroid** 1999 Oct;9(10):989-94

[Monoiodothyronine and diiodothyronine] Takeshita A. **Nippon Rinsho** 1999 Dec;57 Suppl:86-9 (15 ref.) **(Jpn)**

METABOLISM

Thyroid hormones regulate lipid metabolism in a teleost Anabas testudineus (Bloch). Varghese S, et al. **Comp Biochem Physiol B Biochem Mol Biol** 1999 Dec; 124(4):445-50

PHARMACOKINETICS

Fetal-to-maternal transfer of 3,3',5-triiodothyronine sulfate and its metabolite in sheep. Wu SY, et al. **Am J Physiol** 1999 Nov;277(5 Pt 1):E915-9

PHARMACOLOGY

DITPA prevents the blunted contraction-frequency relationship in myocytes from infarcted hearts. Litwin SE, et al. **Am J Physiol Heart Circ Physiol** 2000 Mar; 278(3):H862-70

The thyroid hormone analog DITPA restores I(to) in rats after myocardial infarction. Wickenden AD, et al. **Am J Physiol Heart Circ Physiol** 2000 Apr; 278(4):H1105-16

PHYSIOLOGY

3,5-diiodo-L-thyronine regulates glucose-6-phosphate dehydrogenase activity in the rat. Lombardi A, et al. **Endocrinology** 2000 May;141(5):1729-34

DIIODOTYROSINE

see related
RECEPTORS, THYROID HORMONE

DIIODOTYROSINE RECEPTORS see **RECEPTORS, THYROID HORMONE**

DIISOCYANATOTOLUENE see **TOLUENE 2,4-DIISOCYANATE**

DIISOPROPYLFLUOROPHOSPHATE see **ISOFLUROPHATE**

4,4'-DIISOTHIOCYANOSTILBENE-2,2'-DISULFONIC ACID see **DIDS**

DIKETOBUTANE see **DIACETYL**

2,3-DIKETOGULONIC ACID

URINE

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DIKETOPREGNANES see **PREGNANEDIONES**

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see related
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7,12-DIMETHYLBENZANTHRACENE see **9,10-DIMETHYL-1,2-BENZANTHRACENE**

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17,21-DIMETHYL-19-NOR-4,9-PREGNADIENE-3,20-DIONE see PROMEGESTONE

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DIMETHYLPOLYSILOXANES

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1,2-DIPALMITOYLPHOSPHATIDYLCHOLINE

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DIPHENOL OXIDASES see **CATECHOL OXIDASE**

DIPHENYL OXIDES see **PHENYL ETHERS**

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DIPHENYLMETHYL COMPOUNDS see **BENZHYDRYL COMPOUNDS**

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DIPHOSPHATIDYLGLYCEROLS see **CARDIOLIPINS**

2,3-DIPHOSPHOGLYCERATE

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see related
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DJUNGARIAN HAMSTERS see PHODOPUS

DM-GRASP see ACTIVATED-LEUKOCYTE CELL ADHESION MOLECULE

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DNA-DEPENDENT DNA POLYMERASES see **DNA-DIRECTED DNA POLYMERASE**

DNA-DEPENDENT RNA POLYMERASE I see **RNA POLYMERASE I**

DNA-DEPENDENT RNA POLYMERASE II see **RNA POLYMERASE II**

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DNA TOPOISOMERASE II see **DNA TOPOISOMERASE (ATP-HYDROLYSING)**

DNA TRANSPOSABLE ELEMENTS

see related
DNA, RECOMBINANT
MUTAGENESIS, INSERTIONAL
PLASMIDS

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DNASE see **DEOXYRIBONUCLEASES**

DNASE I see **DEOXYRIBONUCLEASE I**

DNASE, SITE-SPECIFIC, TYPE I see **DEOXYRIBONUCLEASES, TYPE I SITE-SPECIFIC**

DNASE, SITE-SPECIFIC, TYPE II see **DEOXYRIBONUCLEASES, TYPE II SITE-SPECIFIC**

DNCB see **DINITROCHLOROBENZENE**

DNFB see **DINITROFLUOROBENZENE**

2,4-DNP see **2,4-DINITROPHENOL**

DO-NOT-RESUSCITATE ORDERS see **RESUSCITATION ORDERS**

DOBESILATE CALCIUM see **CALCIUM DOBESILATE**

DOBRAVA-BELGRADE VIRUS see **HANTAVIRUS**

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DOPAMINE RECEPTOR ANTAGONISTS see **DOPAMINE ANTAGONISTS**

DOPAMINE RECEPTORS see **RECEPTORS, DOPAMINE**

DOPAMINE D1 RECEPTORS see **RECEPTORS, DOPAMINE D1**

DOPAMINE D2 RECEPTORS see **RECEPTORS, DOPAMINE D2**

DOPAMINE REUPTAKE INHIBITORS see **DOPAMINE UPTAKE INHIBITORS**

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DPDPE see **ENKEPHALIN, D-PENICILLAMINE (2,5)-**

2,3-DPG see **2,3-DIPHOSPHOGLYCERATE**

DPN see **NAD**

DPNASE see **NAD+ NUCLEOSIDASE**

DPT VACCINE see **DIPHTHERIA-TETANUS-PERTUSSIS VACCINE**

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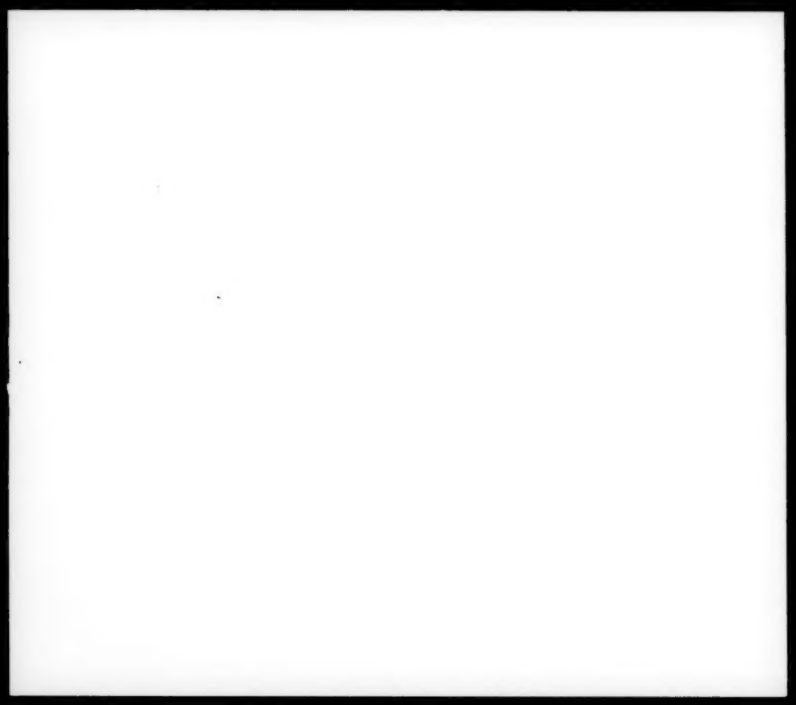
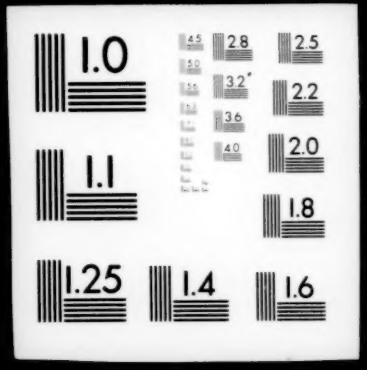
ISBN 0-16-050871-1

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